**The Excretory System**

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**The Excretory System:**

* Purpose
  + Removes toxins and unnecessary excess body fluids of the organism to prevent damage or problems.

**The Abdominal Aorta:**

* Location
  + Red tube in the middle of the organ system
* Purpose
  + Is the single uninterrupted channel that comes out the left side of the heart and transports oxygenated blood throughout the body.

**The Renal Arteries:**

* Location
  + Small red tubes attached to the abdominal aorta and the kidneys
* Purpose
  + The arteries that transport oxygenated blood from the heart down to the kidneys.
  + These arteries takes large amounts of oxygenated blood down to the kidneys to get it filtered.

**The Inferior Vena Cava:**

* Location
  + Blue tube in the middle of the organ system
* Purpose
  + A large vein that transports deoxygenated blood into the heart
  + Carries blood from the lower parts of the body

**The Renal Veins:**

* Location
  + Small blue tubes that connect from the inferior vena cava to the kidneys
* Purpose
  + Responsible for draining the kidneys
  + Carries deoxygenated blood that has been purified by the kidney

**The Kidneys:**

* Location
  + Close to the middle of your back just below your rib cage
* Purpose
  + Takes all the blood and separates the waste products so that they can leave the body.
  + The excess water from the blood and waste products produce urine.

**The Ureters:**

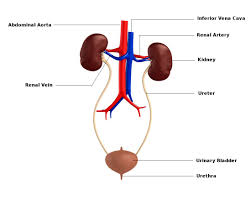
* Location
  + The tubes that connect the kidney to the bladder
* Purpose
  + Responsible for extracting the urine from the kidneys to bring it down to the bladder.

**The Urinary Bladder:**

* Location
  + The oval shaped organ at the bottom of the organ system
* Purpose
  + Acts a holding cell for all the urine

**The Urethra:**

* Location
  + At the bottom of the urinary bladder (the exit)
* Purpose
  + Takes the urine fluids out of the body



**Questions the people answer during the presentation:**

1. What starts the process of the excretory system?

2. What is the purpose of the excretory system?

3. What are all the main parts to the excretory system.